

## WEST

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L5: Entry 1 of 10

File: DWPI

Jan 2, 2002

DERWENT-ACC-NO: 2002-099176  
DERWENT-WEEK: 200239  
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TITLE: Papermaking felt for squeezing water from paper web in papermaking operation comprises ground fabric layer having warp and weft, each comprising distributed yarns, at least part of which consisting of straight yarns

INVENTOR: KOBAYASHI, Y

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
ICHIKAWA CO LTD	ICHW
ICHIKAWA WOOLEN TEXTILE LTD	ICHW
ICHIKAWA KEORI KK	ICHW
KOBAYASHI Y	KOBAI

PRIORITY-DATA: 2000JP-0193473 (June 27, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1167623 A1	January 2, 2002	E	011	D21F007/08
US 20020060047 A1	May 23, 2002		000	D21F007/08
CA 2351743 A1	December 27, 2001	E	000	D21F007/08
JP 2002013088 A	January 18, 2002		004	D21F007/08
CN 1330184 A	January 9, 2002		000	D21F007/08

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 1167623A1	June 26, 2001	2001EP-0305534	
US20020060047A1	June 25, 2001	2001US-0891055	
CA 2351743A1	June 26, 2001	2001CA-2351743	
JP2002013088A	June 27, 2000	2000JP-0193473	
CN 1330184A	June 25, 2001	2001CN-0129637	

INT-CL (IPC): D03 D 1/00; D03 D 13/00; D04 H 1/46; D21 F 1/32; D21 F 7/08

ABSTRACTED-PUB-NO: EP 1167623A  
BASIC-ABSTRACT:

NOVELTY - A papermaking felt comprises ground fabric layer composed of woven fabric, and a fibrous web (3) placed on at least one side of the ground fabric layer. The ground fabric layer and fibrous web are integrally intertwined by needling. The ground fabric layer has warp and weft, each comprising distributed yarns, at least part of which consisting of straight yarns.

USE - For squeezing water from paper web in papermaking operation.

ADVANTAGE - The felt can retain its three-dimensional character even in a high speed papermaking machine in which the felt is subjected to compression repeatedly in a short period.

DESCRIPTION OF DRAWING(S) - The figure is a schematic, enlarged, sectional view of a felt.

Ground fabric layer 2

Fibrous web 3

Warp 2a

Weft 2b

Winding yarns K

Straight yarns S

ABSTRACTED-PUB-NO:

US20020060047A

EQUIVALENT-ABSTRACTS:

NOVELTY - A papermaking felt comprises ground fabric layer composed of woven fabric, and a fibrous web (3) placed on at least one side of the ground fabric layer. The ground fabric layer and fibrous web are integrally intertwined by needling. The ground fabric layer has warp and weft, each comprising distributed yarns, at least part of which consisting of straight yarns.

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Straight yarns S

CHOSEN-DRAWING: Dwg.1a/3

TITLE-TERMS: FELT SQUEEZE WATER PAPER WEB OPERATE COMPRISE GROUND FABRIC LAYER WARP WEFT COMPRISE DISTRIBUTE YARN PART CONSIST STRAIGHT YARN

DERWENT-CLASS: F09

CPI-CODES: F02-A03A; F03-D03; F04-E05A; F05-A04C;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-031097

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